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NOTICE OF ALLOWANCE AND FEE(S) DUE

210

7590

04/16/2009

MERCK AND CO., INC P O BOX 2000 RAHWAY, NJ 07065-0907 EXAMINER

JAISLE, CECILIA M

ART UNIT PAPER NUMBER

1624

DATE MAILED: 04/16/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/593,540	05/10/2007	Morihiro Mitsuya	BY0042P	4472

TITLE OF INVENTION: SUBSTITUTED QUINAZOLINE OR PYRIDOPYRIMIDINE DERIVATIVE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	07/16/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

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B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

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B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

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CURRENT CORRESPOND	Fee(Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.						
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MERCK AND P O BOX 2000 RAHWAY, NJ (•		I her State addr trans	reby certify that thi es Postal Service w essed to the Mail emitted to the USP1	is Fee(ith suf Stop ΓΟ (57	s) Transmittal is being ficient postage for first ISSUE FEE address 1) 273-2885, on the da	deposited with the United t class mail in an envelope above, or being facsimile tte indicated below.	
							(Depositor's name)	
							(Signature)	
							(Date)	
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTO	RNEY DOCKET NO.	CONFIRMATION NO.	
10/593,540	05/10/2007	•	Morihiro Mitsuya	•		BY0042P	4472	
TITLE OF INVENTION	: SUBSTITUTED QUIN	AZOLINE OR PYRIDO	DPYRIMIDINE DERIVATI	VE				
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE	E FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1510	\$300	\$0		\$1810	07/16/2009	
EXAM	INER	ART UNIT	CLASS-SUBCLASS					
JAISLE, C	ECILIA M	1624	514-252020					
1. Change of corresponde	ence address or indication	n of "Fee Address" (37	2. For printing on the pa	atent front page, lis	t			
CFR 1.363). Change of corresp	ondence address (or Cha	nge of Correspondence	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to					
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PTO/SB/47; Rev 03-0 Number is required.	ication (or "Fee Address' 2 or more recent) attach	" Indication form ed. Use of a Customer	2 registered attorney or a 2 registered patent attor listed, no name will be	nevs or agents. If r	es of u no nam	p to ne is 3		
3. ASSIGNEE NAME A	ND RESIDENCE DATA	A TO BE PRINTED ON	THE PATENT (print or typ	e)				
PLEASE NOTE: Unl	ess an assignee is ident h in 37 CFR 3.11. Comr	ified below, no assignee pletion of this form is NC	data will appear on the pa OT a substitute for filing an a	itent. If an assigne assignment.	ee is ic	lentified below, the do	cument has been filed for	
(A) NAME OF ASSIG	•		(B) RESIDENCE: (CITY	· ·	OUNT	TRY)		
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Please check the appropr	iate assignee category or	categories (will not be p	rinted on the patent):	Individual L Co	rporati	ion or other private gro	up entity Government	
4a. The following fee(s)	are submitted:	4	b. Payment of Fee(s): (Plea	se first reapply an	y prev	viously paid issue fee s	hown above)	
☐ Issue Fee	T11		A check is enclosed.					
Publication Fee (No small entity discount permitted) Advance Order - # of Copies			Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any					
			overpayment, to Depos	sit Account Numbe	r	(enclose ar	extra copy of this form).	
••	s SMALL ENTITY statu	is. See 37 CFR 1.27.	☐ b. Applicant is no long	-			·-··	
NOTE: The Issue Fee an interest as shown by the i	d Publication Fee (if requecords of the United Sta	uired) will not be accepte tes Patent and Trademarl	ed from anyone other than the k Office.	ne applicant; a regis	stered :	attorney or agent; or the	e assignee or other party in	
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Typed or printed name This collection of information is required by 37 CFR 1.311. The informa				•				
an application. Confident submitting the completed this form and/or suggesti	tiality is governed by 35 I application form to the ons for reducing this bu	U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to the	on is required to obtain or re 1.14. This collection is estive depending upon the indiv. de Chief Information Office COMPLETED FORMS TO	imated to take 12 n idual case. Any co r. U.S. Patent and '	ninutes mment Traden	s to complete, including ts on the amount of tin nark Office. U.S. Depa	g gathering, preparing, and ne you require to complete rtment of Commerce, P.O.	

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/593,540	05/10/2007	Morihiro Mitsuya	BY0042P 4472		
210 7.	590 04/16/2009		EXAMINER		
MERCK AND C	CO., INC	JAISLE, CECILIA M			
P O BOX 2000			ART UNIT	PAPER NUMBER	
RAHWAY, NJ 07	065-0907		1624		
		DATE MAILED: 04/16/2009			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)	
Netice of Allemahilite	10/593,540	MITSUYA ET AL.	
Notice of Allowability	Examiner	Art Unit	
	Cecilia M. Jaisle	1624	
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED or other appropriate comr IGHTS. This application is	in this application. If not included nunication will be mailed in due course.	
1. This communication is responsive to <u>01-13-2009</u> .			
2. ☑ The allowed claim(s) is/are <u>1,3,4,8,9 and 14</u> .			
 3. Acknowledgment is made of a claim for foreign priority una) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority do 	e been received. e been received in Applica	ion No	n the
International Bureau (PCT Rule 17.2(a)).			
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be subminformal patent APPLICATION (PTO-152) which give	MENT of this application. itted. Note the attached Ex	(AMINER'S AMENDMENT or NOTICE	
5. CORRECTED DRAWINGS (as "replacement sheets") mus			
(a) ☐ including changes required by the Notice of Draftspers		ew (PTO-948) attached	
1) ☐ hereto or 2) ☐ to Paper No./Mail Date	-	ow (110 040) altaonid	
(b) ☐ including changes required by the attached Examiner' Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1	s Amendment / Comment .84(c)) should be written on	the drawings in the front (not the back) o	f
each sheet. Replacement sheet(s) should be labeled as such in to 6. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT	sit of BIOLOGICAL MA	ΓERIAL must be submitted. Note the	
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5 🗆 Notice of	nformal Datant Application	
 □ Notice of References Cited (PTO-092) □ Notice of Draftperson's Patent Drawing Review (PTO-948) 		nformal Patent Application Summary (PTO-413),	
 Information Disclosure Statements (PTO/SB/08), 	Paper No	o./Mail Date s Amendment/Comment	
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material		s Statement of Reasons for Allowance	
	9.	<u>_</u> .	

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Authorization for this examiner's amendment was given in a telephone interview with Richard C. Billups on March 17, 2009.

Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

In the Claims

In claim 8, line 2, the phrase "claim 6" has been changed to -- claim 4 --.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cecilia M. Jaisle whose telephone number is 571-272-9931. The examiner can normally be reached on Monday through Friday; 8:30 am through 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James O. Wilson can be reached on 571-272-0661. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number: 10/593,540 Page 3

Art Unit: 1624

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Cecilia M. Jaisle /Mark L. Berch/ Primary Examiner, Art Unit 1624